

**REMARKS****I. Status of the Claims**

Claims 1-36, 38-50 and 52-54 and new claim 55 are currently pending. Of these, claims 1, 5, 15, 25, 31, 32, 33, 45, 53, and 55 are independent. By this Amendment, some of the claims have been amended. Applicant believes that these changes introduce no new matter. Entry and consideration of this Amendment are respectfully requested.

**II. Rejections under 35 U.S.C. § 102**

A key feature of the Applicant's claimed invention, which is not disclosed in the prior art of record, is automatically compiling the search strategy that is stored in the user profile in association with the user's abbreviated search handle. This feature is an integral part of the Applicant's replay query function. The Applicant's flow diagram of Figure 2A shows that the search strategy is compiled from the steps of:

[256] selecting the item from the "returned businessList message" as the "businessEntity data selected" of the UDDI registry search strategy stored in the user profile in step 268,

[260] selecting the item from the "returned serviceList message" as the "businessService data selected," of the UDDI registry search strategy stored in the user profile in step 268,

[264] selecting the item from the "returned serviceDetail message" as the "bindingTemplate data selected," of the UDDI registry search strategy stored in the user profile in step 268.

The wireless device stores the search handle in user profile with the UDDI registry search strategy. The stored search strategy includes the business name query , the selected businessEntity data, the selected businessService data, the selected bindingTemplate data, and the selected accessPoint URL. This provides the user with a shortcut for online or offline queries

to the UDDI registry, in response to the user's entry of an abbreviated search handle to the wireless device.

To replay a UDDI registry search strategy, the user merely enters a search handle into the wireless device and selects the replay option. The wireless device then accesses the UDDI registry search strategy from user profile corresponding to the search handle and loads the business name query, the selected businessEntity data, the selected businessService data, and the selected bindingTemplate data as each respective operand that would have been otherwise entered by the user.

By contrast, Hancock et al. discloses in paragraph [0058] the user declaring data, such as a house address, as the content of a database to be associated with a shortcut handle declared by the user, such as the name of the owner of the house.

There is no disclosure or suggestion in Hancock, et al. of the applicant's claimed feature of automatically compiling the search strategy that is stored in the user profile in association with the user's abbreviated search handle

The Hancock reference was combined with the Hwang and/or the Kheiolomoom references to reject all of the claims 1-36, 38-50 and 52-54. Neither the Hwang nor Kheiolomoom reference discloses or suggests the Applicant's claimed invention of automatically compiling the search strategy that is stored in the user profile by forming a composite query composed of consecutive responses to corresponding consecutive queries in a drill-down search, as a short cut query for future searching.

The Hwang reference discloses user profile record 500 in Fig. 5A in which the user enters subscription data sub-record 522 and 524 (data sub-record in Fig. 5B), which is not used as a query term.

The Kheiolomoom reference discloses searching UDDI registries by interactively drilling-down using consecutively returned search results to further narrow the scope of a search [at 0104]. However, Kheiolomoom fails to disclose or suggest the Applicant's claimed feature of automatically compiling a search strategy that is stored in the user profile as a short cut query for future searching.

A fourth reference to Shultz (US Patent Application Publication No. 2003/0061211) was combined with the Hancock, Hwang and Kheiolomoom references to reject claims 5-31, 41-42, and 53-54. The Shultz reference merely discloses [at 0064] that an Information database 133 may be searched using an SQL statement to find records matching a defined location, general information and/or geographic criteria.

None of the references to Hancock, Hwang, Kheiolomoom, or Shultz, taken either singly or in combination, discloses or suggests the Applicant's claimed invention of automatically compiling the search strategy that is stored in the user profile by forming a composite query composed of consecutive responses to corresponding consecutive queries in a drill-down search, as a short cut query for future searching.

### **CONCLUSION**

Based on the foregoing amendments and remarks, Applicants respectfully request reconsideration and withdrawal of the rejection of claims and allowance of this application.

**AUTHORIZATION**

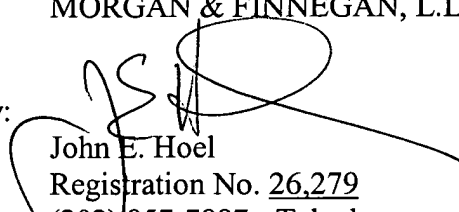
The Commissioner is hereby authorized to charge any additional fees which may be required for consideration of this Amendment to Deposit Account No. 13-4500, Order No. 4208-4008. A DUPLICATE OF THIS DOCUMENT IS ATTACHED.

In the event that an extension of time is required, or which may be required in addition to that requested in a petition for an extension of time, the Commissioner is requested to grant a petition for that extension of time which is required to make this response timely and is hereby authorized to charge any fee for such an extension of time or credit any overpayment for an extension of time to Deposit Account No 13-4500, Order No. 4208-4008. A DUPLICATE OF THIS DOCUMENT IS ATTACHED.

Respectfully submitted,  
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